



FortiSwitch Cloud Administration Guide

Version 1.4.0

FORTINET DOCUMENT LIBRARY

<http://docs.fortinet.com>

FORTINET VIDEO GUIDE

<http://video.fortinet.com>

FORTINET BLOG

<https://blog.fortinet.com>

CUSTOMER SERVICE & SUPPORT

<https://support.fortinet.com>

<http://cookbook.fortinet.com/how-to-work-with-fortinet-support/>

FORTIGATE COOKBOOK

<http://cookbook.fortinet.com>

FORTINET TRAINING SERVICES

<http://www.fortinet.com/training>

FORTIGUARD CENTER

<http://www.fortiguard.com>

FORTICAST

<http://forticast.fortinet.com>

END USER LICENSE AGREEMENT

<http://www.fortinet.com/doc/legal/EULA.pdf>

FORTINET PRIVACY POLICY

<https://www.fortinet.com/corporate/about-us/privacy.html>

FEEDBACK

Email: techdocs@fortinet.com



FortiSwitch Cloud Administration Guide

December 10, 2018

11-140-519524-20181210

TABLE OF CONTENTS

Change log	5
Introduction	6
Services available	6
Supported models	7
What's new in FortiSwitch Cloud version 1.4.0	7
How this guide is organized	7
How to get started	9
Using the correct switch management mode for cloud management	9
Checking your FortiSwitch Cloud configuration	10
Enabling and disabling cloud management	11
Logging in to FortiSwitch Cloud	11
Adding your FortiSwitch units to FortiSwitch Cloud	13
Dashboard	15
Switch	16
Switches	16
Applying tags to a FortiSwitch unit	17
Removing a FortiSwitch unit from FortiSwitch Cloud	18
Upgrading the firmware for a FortiSwitch unit	18
Downloading the FortiSwitch configuration to your computer	18
Saving the FortiSwitch configuration to FortiSwitch Cloud	19
Applying a configuration file to a FortiSwitch unit	19
Using the FortiSwitch CLI	19
Using the FortiSwitch GUI	20
Topology	20
Switch Tags	20
Creating a switch tag	21
Editing a switch tag	22
Deleting a switch tag	22
Configuration	23
Zero Touch Configurations	23
Creating a zero-touch configuration	24
Enabling a zero-touch configuration	25
Editing a zero-touch configuration	26

Deleting a zero-touch configuration	27
Scheduled Upgrade	27
Scheduling a firmware upgrade	27
Editing a scheduled upgrade	29
Deleting a scheduled upgrade	29
Configuration Backup/Restore	30
Importing and editing a configuration file	30
Viewing a configuration file	31
Cloning a configuration file	32
Deleting a configuration file	33
Downloading a configuration file to your computer	33
Applying a configuration file to a FortiSwitch unit	33
Ports	33
Configuring FortiSwitch ports	34
Interfaces	35
Configuring an interface	36
Creating a trunk	37
Trunk/Link Aggregation	39
Deleting a trunk	39
Editing a trunk	40
Monitor	41
Mac Addresses	41
System Log	42
Audit Log	42
Zero Touch Config Status	43
Scheduled Upgrade Status	43
My Account	45
My Account	46
Adding a user account	47
Editing a user account	47
Deleting a user account	48
Notification Settings	48

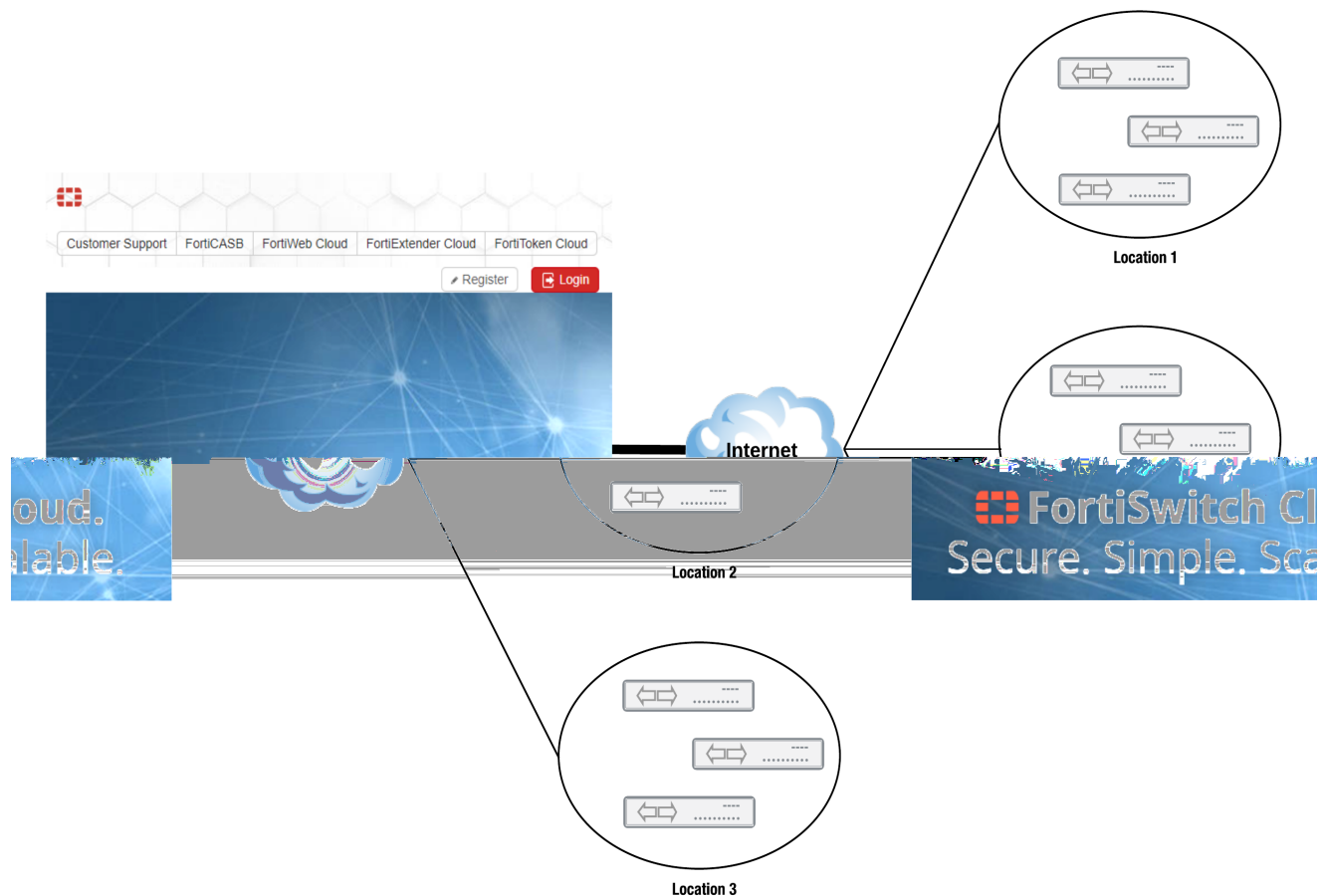
Change log

Date	Change Description
December 10, 2018	Initial document release for FortiSwitch Cloud 1.4.0

Introduction

FortiSwitch Cloud provides management as a service (MaaS) for secure switching infrastructure deployed with FortiSwitch devices. It provides a centralized discovery, visibility, and configuration management solution without the need of on-premise hardware, software, or management overhead.

FortiSwitch Cloud manages FortiSwitch devices in standalone mode.



Services available

- Dynamic discovery of a device
- Account dashboard
 - Quick snapshot of online devices and PoE power
 - Bandwidth usage
 - Critical events
- Multi-user support for an account

- List and detail view of all devices added on the account
- Device-level interface with global view
- Connect to a device (CLI or GUI) individually from portal
- Upgrade device software
- Back up, modify, and restore device configuration
- Check the status of each FortiSwitch unit (online or offline)
- Check the port configuration for all FortiSwitch units
- Decrease debugging time if you need assistance from FortiCare Support Services
- Topology display
- Port administration-status configuration
- PoE configuration
- Switch interface list
- Trunk (LAG) configuration
- VLAN assignment to ports
- List of MAC addresses configured for each FortiSwitch unit
- System and audit logs
- Zero-touch configuration
- Switch groups
- Scheduled switch upgrades
- Email notifications

Supported models

FortiSwitch Cloud supports all FortiSwitch units running FortiSwitchOS Release 6.0.0 or later.

What's new in FortiSwitch Cloud version 1.4.0

The following is a list of new features and enhancements in FortiSwitch Cloud version 1.4.0:

- You can now schedule firmware upgrades. You can either specify individual FortiSwitch units to upgrade or upgrade by switch tags.
- When a FortiSwitch unit is offline for a specified amount of time, you are notified by email.
- You can now use switch tags to specify which FortiSwitch units are updated with a zero-touch configuration.

How this guide is organized

This guide is organized into the following chapters:

- [How to get started](#) describes what to do to use FortiSwitch Cloud.
- [Dashboard](#) describes how to use the Dashboard page to see a snapshot of FortiSwitch activity that occurred in the last 24 hours.

- [Switch](#) describes how to use the Switch page to manage the FortiSwitch configuration, to view the switch topology, and to use switch tags.
- [Configuration](#) describes how to use the Configuration page to configure switches and interfaces and to create, edit, and delete trunks.
- [Monitor](#) describes how to use the Monitor page to check MAC addresses, logs, and the configuration and upgrade status.
- [My Account](#) describes how to use the My Account page to add, edit, and remove user accounts and to change your notification settings.

How to get started

NOTE: The following are the requirements to use all of the features of FortiSwitch Cloud:

- Register your FortiSwitch units with Fortinet Support (<https://support.fortinet.com>).
- Check that your FortiSwitch units are running FortiSwitchOS 6.0.0 or later.
- Check that your FortiSwitch units are connected to the Internet.
- Subscribe to FortiCare (<https://www.fortinet.com/support-and-training/support-services/forticare-support.html>).
- Find the cloud key assigned to each FortiSwitch unit. If you already own FortiSwitch units or receive FortiSwitch units that do not have a cloud key on a unit, contact your Fortinet partner or reseller for the unique cloud key assigned to each FortiSwitch serial number.
- Purchase a FortiSwitch Cloud Management license through authorized Fortinet resellers and distributors if you want to manage more than three FortiSwitch units. Using FortiSwitch Cloud is free for the first three registered FortiSwitch units. If you manage more than three registered FortiSwitch units without a FortiSwitch Cloud Management license, the additional FortiSwitch units will have reduced functionality in FortiSwitch Cloud after a grace period.
 - a. After you purchase a FortiSwitch Cloud Management license, you need to register it in your FortiCare account.
 - b. FortiSwitch Cloud will automatically import the license from your FortiCare account during its regular license check. Depending on when the license was registered, there might be a delay before the license is available in FortiSwitch Cloud.
- Set your FortiSwitch units to the standalone mode.
- Check that the system time on your FortiSwitch units is accurate. To set the time on your FortiSwitch unit, see the *FortiSwitchOS Administration Guide—Standalone Mode*.

To get started using FortiSwitch Cloud, follow these procedures:

1. [Using the correct switch management mode for cloud management](#)
2. [Enabling and disabling cloud management](#)
3. [Logging in to FortiSwitch Cloud](#)
4. [Adding your FortiSwitch units to FortiSwitch Cloud](#)

Using the correct switch management mode for cloud management

To manage a FortiSwitch unit from FortiSwitch Cloud, make certain that the switch management mode is set to `local` using the following commands on your FortiSwitch unit:

```
config system global
    set switch-mgmt-mode local
end
```

If your FortiSwitch unit is in FortiLink mode, you need to change your switch management mode to local and also run the following command on your FortiGate unit:

```
execute switch-controller set-standalone <switch-id>
```

This command returns the FortiSwitch unit to the factory defaults, reboots the FortiSwitch unit, and prevents the FortiGate unit from automatically detecting and authorizing the FortiSwitch unit.

Checking your FortiSwitch Cloud configuration

To check your FortiSwitch Cloud configuration, use the following commands:

```
S524DF4K15000024 # config system fsw-cloud
S524DF4K15000024 (fsw-cloud) # get

interval          : 45
name              : fortiswitch-dispatch.forticloud.com
port              : 443
status            : enable
```

Option	Description
interval	The time in seconds allowed for domain name system (DNS) resolution. The default is 15 seconds. The range of values is 3-300 seconds.
name	The domain name for FortiSwitch Cloud. By default, this field is set to <code>fortiswitch-dispatch.forticloud.com</code> .
port	Port number used to connect to FortiSwitch Cloud. The default is port 443.
status	Whether access to FortiSwitch Cloud is enabled or disabled. By default, the status is set to <code>enable</code> .

To check your connections to FortiSwitch Cloud, use the `get system fsw-cloud-mgr connection-info` command.

The State-Machine field is set to `FSMGR_STATE_READY` when your FortiSwitch unit is being managed by FortiSwitch Cloud. The SSL tunnel is the secure communication channel between your FortiSwitch unit and FortiSwitch Cloud. FortiSwitch Cloud uses the Socket Secure protocol (SOCKS) to communicate with your FortiSwitch units.

For example:

```
S524DF4K15000024 # get system fsw-cloud-mgr connection-info

User Account-ID:      : 012345
Dispatch Service     : IP= xx.xx.xx.xx
SSL verify Code       : ok
Access Service        : IP= xx.xx.xx.xx, Port= 443, Connected on: 2018-11-28
10:59:32
Bootstrap Service     : hostname= xxxxxxxxxxxx, Port= 8000

Remote Assistance     : Disabled.
State-Machine          : State= FSMGR_STATE_READY, Event= EV_READY_HBEAT_GOOD

SSL Local End-Point    : Interface: mgmt, IP: xx.xx.xx.xx
SSL Tunnel Uptime      : Days: 0  Hours: 2 Mins: 22 [Connected @2018-11-28 10:59:32]
SSL Tunnel stats       : restart-count= 4, Reason= Configuration Change

Stats:
```

```

=====
Switch  Keep Alive  Tx/Reply := 45 / 45
Manager Keep Alive  Rx/Error := 45 / 0

Socks   Req Rx/Last Stream-ID := 224 / 14
Reset   Req Rx/last Stream-ID := 8 / 12
Goaway  Req Rx      := 0
Unknown Req Rx      := 0

Syslog  FD/Tx/Err := 8 / 3 / 0

```

Used SOCKS stream-id:

SID	SockFd	State	Description
18	10	DATA	REST REQ
5	0	DATA	SYSLOG DATA

Enabling and disabling cloud management

To allow your FortiSwitch unit to be managed by FortiSwitch Cloud, use the following commands:

```

config system fsw-cloud
    set status enable
end

```

If you want to remove a FortiSwitch unit from FortiSwitch Cloud, use the following commands:

```

config system fsw-cloud
    set status disable
end

```

Logging in to FortiSwitch Cloud

You do not need to create a separate account for FortiSwitch Cloud. You can use your FortiCare account to log in.

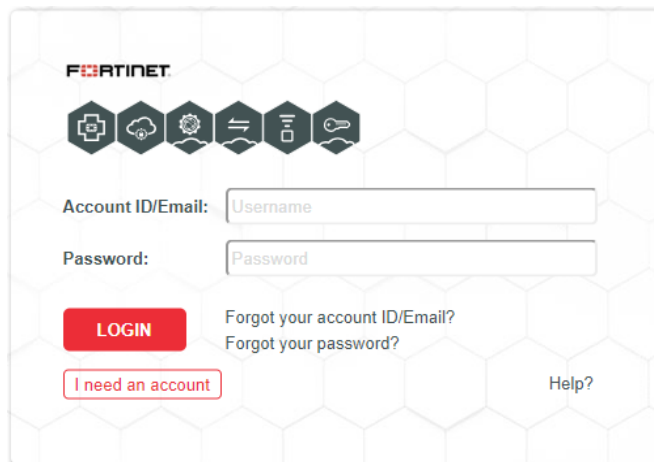
NOTE: You cannot use an existing FortiCloud account for FortiSwitch Cloud.

To log in to FortiSwitch Cloud:

1. Go to <https://fortiswitch.forticloud.com>.



2. Select *Login*.

The image shows the login form on the FortiSwitch Cloud website. The form is set against a light gray background with a hexagonal pattern. At the top left is the Fortinet logo, followed by a row of six icons representing different Fortinet products. Below the icons are two input fields: 'Account ID/Email:' with a placeholder 'Username' and 'Password:' with a placeholder 'Password'. To the left of the password field is a red 'LOGIN' button. To the right of the password field are two links: 'Forgot your account ID/Email?' and 'Forgot your password?'. At the bottom left is a link 'I need an account' and at the bottom right is a link 'Help?'.

3. Enter your FortiCare account identifier and enter your password.
4. Select *LOGIN*.
The first time that you log in, a special landing page appears. To bypass the landing page in the future, clear the

Show this page on login checkbox.

☒ Show this page on login [Proceed to Account >](#)

Models Support

- FortiSwitchCloud supports all FortiSwitch units running FortiSwitchOS Release 6.0.0 or later.

Key Features

- Dashboard
- Bulk Registration
- Zero-Touch Upgrade and Configuration
- Switch Interface Configuration
- Log and Units Monitoring
- Audit Trail
- Back-up, Modify, Restore Unit Configuration

Registration

- FortiSwitch Unit's unique Cloud-Key is required to register the unit on this portal.
- Cloud-Key Sticker is found on physical unit. If you have unit without a sticker, it can be requested from Reseller, Partner or Fortinet Support.
- FortiDeploy Bulk Key support is available to register units in bulk. Please refer to documentation for more information.

Licensing

- Up to 3 FortiSwitch Units can be managed without any license.
- To add more units, please refer to documentation about how to buy licenses.

5. Select *Proceed to Account*.

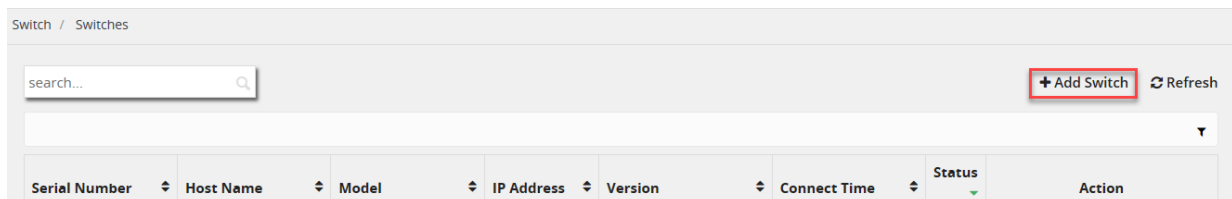
Adding your FortiSwitch units to FortiSwitch Cloud

You need a cloud key to add your FortiSwitch unit to FortiSwitch Cloud. New FortiSwitch units will have pre-assigned cloud keys. If you already own FortiSwitch units or receive FortiSwitch units that do not have a cloud key on a unit, contact your Fortinet partner or reseller for the unique cloud key assigned to each FortiSwitch serial number.


After you have logged in to FortiSwitch Cloud, you need to add each FortiSwitch unit to FortiSwitch Cloud. If you have a bulk key, you can add multiple FortiSwitch units to FortiSwitch Cloud at the same time.

To add FortiSwitch units to FortiSwitch Cloud:

1. Go to *Switch > Switches* and select *Add Switch*.



2. To add one FortiSwitch unit, select *Regular Key*. To add multiple FortiSwitch units, select *Bulk Key*.

 Add switch
 Close

☒ Regular Key
 ☐ Bulk Key






















Please input cloud key to the switch/switches you want to add.

Save

3. Enter the cloud key or bulk key and select **Save**.
The Switches pane lists all managed FortiSwitch units.

Switch / Switches

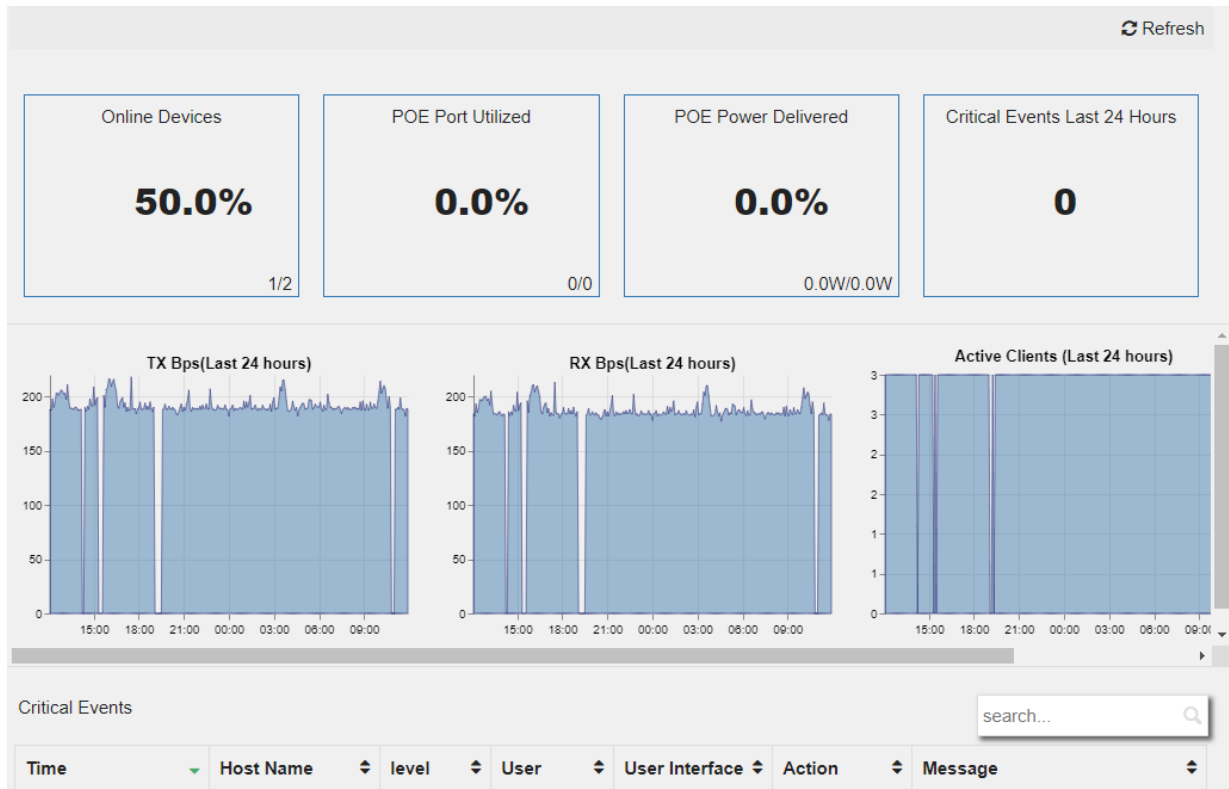
+ Add Switch Refresh

Serial Number	Host Name	Model	IP Address	Version	Connect Time	Status	Action
S524DF4K15000002	S524DF4K15000002 	FortiSwitch-524D-FPOE	96.45.34.20	v6.0.0,build0028,180531 (Interim)	08/30/2018 17:42:18	●	×      
SR24DN4417000141						●	×      
SR24DN4417000165						●	×      

<<
1
>>

Dashboard

Select *Dashboard* to see a snapshot of FortiSwitch activity that occurred in the last 24 hours:



The Dashboard page provides the following statistics:

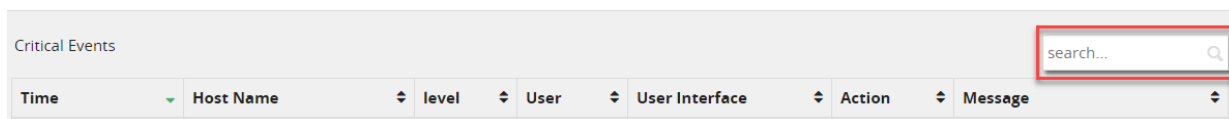
- The number and percentage of managed devices that are online
- The number and percentage of Power over Ethernet (PoE) ports that are being used
- The number of Watts and the percentage of PoE power delivered
- The number of critical events in the last 24 hours

The graphs on the Dashboard page show the following:

- How many bits per second were transmitted in the last 24 hours
- How many bits per second were received in the last 24 hours
- The number of active clients in the last 24 hours

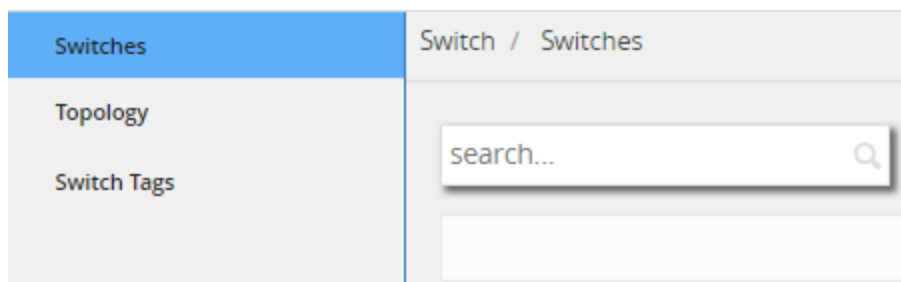
Select *Refresh* to update the statistics and graphs.

On the Dashboard page, you can focus on the critical events for specific devices by entering part or all of a host name in the Search field.



Switch

Select **Switch** to manage the FortiSwitch configuration, to view the switch topology, and to add switch tags. Use the left pane for navigation:



You can select the following options from the left pane:

- [Switches](#)
- [Topology](#)
- [Switch Tags](#)

Switches

The Switches pane lists the FortiSwitch units managed by FortiSwitch Cloud and gives the serial number, host name, model, IP address, firmware version, connection time, and status of each FortiSwitch unit.

Switch / Switches

search...

+ Add Switch Refresh

Serial Number	Host Name	Model	IP Address	Version	Connect Time	Status	Action
S524DF4K15000002	S524DF4K15000002	FortiSwitch-524D-FPOE	96.45.34.20	v6.0.0,build0028,180531 (Interim)	08/30/2018 17:42:18	●	× + - ↺ ↻
SR24DN4417000141						●	× + - ↺ ↻
SR24DN4417000165						●	× + - ↺ ↻

<< 1 >>

To update the FortiSwitch list, select **Refresh**.

To find a specific FortiSwitch unit, enter part or all of the serial number in the Search field.

To filter the list of FortiSwitch units by tag, select **Filter with Tags** and the tag to filter with. If you select multiple tags to filter with, the results are FortiSwitch units that are tagged with one or more of the selected tags.

You can use the Search field and the Filter with Tags field together to find FortiSwitch units that contain the search term *and* are tagged with the selected tag.

Hovering over a host name shows which tags have been assigned to that FortiSwitch unit.

Select the serial number to see more information about each FortiSwitch unit.


You can perform the following tasks from the Switches pane:

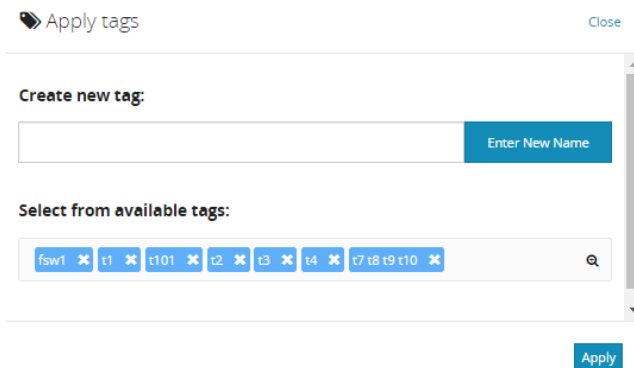
- Adding your FortiSwitch units to FortiSwitch Cloud
- Applying tags to a FortiSwitch unit
- Removing a FortiSwitch unit from FortiSwitch Cloud
- Upgrading the firmware for a FortiSwitch unit
- Downloading the FortiSwitch configuration to your computer
- Saving the FortiSwitch configuration to FortiSwitch Cloud
- Applying a configuration file to a FortiSwitch unit
- Using the FortiSwitch CLI
- Using the FortiSwitch GUI


Applying tags to a FortiSwitch unit

Tags allow you to group FortiSwitch units by model, location, department, owner, and so on. You can add more than one tag to a FortiSwitch unit.

To apply a tag to a FortiSwitch unit:


1. Select  by the host name of the FortiSwitch unit that you want to tag.

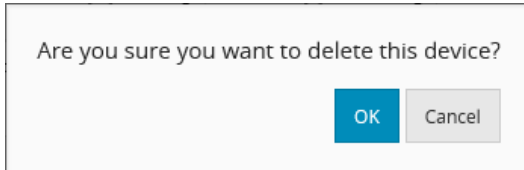


2. Select  to see a list of existing tags. Select which tags that you want to apply.
3. If you want to create a new tag, enter a name and select *Enter New Name*.
4. Select *Apply*.

Removing a FortiSwitch unit from FortiSwitch Cloud

To remove a FortiSwitch unit from FortiSwitch Cloud:

1. Select  in the row for the FortiSwitch unit that you want to remove from FortiSwitch Cloud.

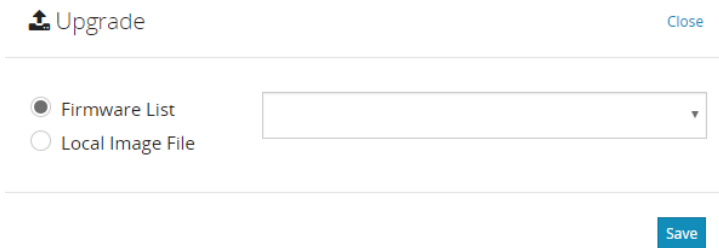



2. Select **OK** to remove the FortiSwitch unit from FortiSwitch Cloud.

Upgrading the firmware for a FortiSwitch unit

To upgrade the firmware for a FortiSwitch unit:


1. Select  in the row for the FortiSwitch unit that needs to be upgraded.



2. Select *Firmware List* or *Local Image File*.
3. Select the firmware image for the upgrade.
4. Select **Save** or  to upgrade.


Downloading the FortiSwitch configuration to your computer


To download the FortiSwitch configuration:

Select  in the row for the FortiSwitch unit of interest. The configuration is saved as a `.txt` file.

Saving the FortiSwitch configuration to FortiSwitch Cloud

To save the configuration of a FortiSwitch unit to FortiSwitch Cloud:

1. Select  in the row of the FortiSwitch unit that you want to save the configuration of.

 Save switch config to cloud Close


Comment:


Save

2. Enter a description of the configuration file.
3. Select **Save**.
Configuration files are listed in *Configuration > Config Backup/Restore*.

Applying a configuration file to a FortiSwitch unit


To apply a configuration file that has been saved to your computer to a FortiSwitch unit:

1. Select  in the row of the FortiSwitch unit that needs the configuration restored.

 Apply local config file to switch Close


Choose Files No file chosen

Please choose your configuration file to upload.

2. Select *Choose Files*.
3. Select the configuration file to apply.
4. Select *Open*.
5. Select  to apply the configuration.


Using the FortiSwitch CLI

To use the CLI for a FortiSwitch unit:

1. Select  in the row of the FortiSwitch unit that you want to access.
2. In the CLI window, log in with your credentials for the FortiSwitch unit.

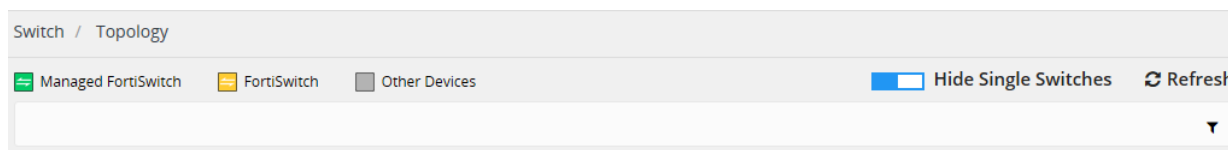
Using the FortiSwitch GUI

To use the GUI for a FortiSwitch unit:

1. Select  in the row of the FortiSwitch unit that you want to access.
2. Log in with your credentials for the FortiSwitch unit.


Topology


The Topology pane shows each managed FortiSwitch unit and which ports are connected to other devices and FortiSwitch units.



By default, only topologies containing more than one FortiSwitch unit are displayed. To display single FortiSwitch topologies, move the *Hide Single Switches* slider.

To update the topology display, select *Refresh*.


To filter the FortiSwitch units by tag, select  and the tag to filter with. If you select multiple tags to filter with, the results are FortiSwitch units that are tagged with one or more of the selected tags.





















To examine the details of the topology, select .

Switch Tags

The Switch Tags pane allows you to create and assign tags to FortiSwitch units to form groups of switches.

Switch / Switch Tags

search...  + Add Refresh

Tag Name	Switches	Action
gAZaBHPkQHTRngctLXK	S524DF4K15000002	 
mysql	S524DF4K15000002	 
mytag		 
newtag		 
t1	S524DF4K15000002	 
t101	S524DF4K15000002	 
t2	S524DF4K15000002	 
t4	S524DF4K15000002	 
t5		 
t6		 

<< 1 2 >>

To find a specific tag, enter part or all of the tag in the Search field.

To update the list of available tags, select *Refresh*.

You can perform the following tasks from the Switch Tags pane:


- [Creating a switch tag](#)
- [Editing a switch tag](#)
- [Deleting a switch tag on page 22](#)

Creating a switch tag

You can create a switch tag assign to FortiSwitch units to create a group of similar switches.


To create a switch tag:

1. Go to *Configuration > Switch Tags*.
2. Select *Add*.


 Add switch tags Close

Tag Name

Switches


Save

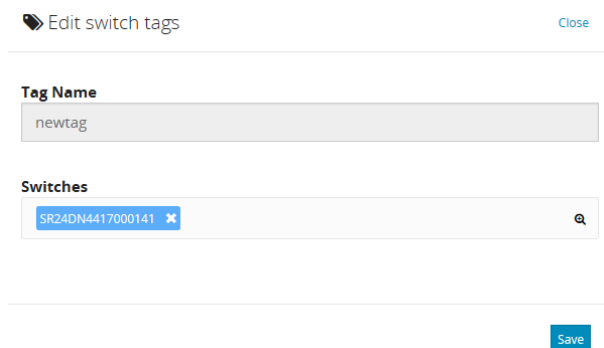
3. Enter the name of the switch tag.
4. Select  to specify which FortiSwitch units to associate the tag with.
5. Select *Save*.
The switch tag is listed on the Switch Tags pane.

Editing a switch tag

After creating a switch tag, you can change with FortiSwitch units are assigned to the tag.

To edit a switch tag:

1. Select  in the row for the switch tag that you want to edit.




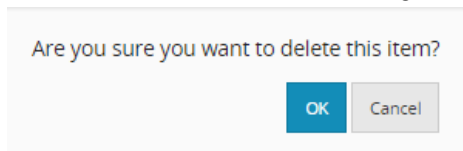
The dialog box titled "Edit switch tags" has a "Close" link in the top right. It contains a "Tag Name" text field with the value "newtag". Below it is a "Switches" section with a search bar containing "SR24DN4417000141" and a magnifying glass icon. At the bottom right is a "Save" button.

2. Make your changes in the Edit Switch Tags dialog box.
3. Select **Save** to apply your changes.

Deleting a switch tag

To delete a switch tag:

1. Select  in the row of the switch tag that you want to delete.

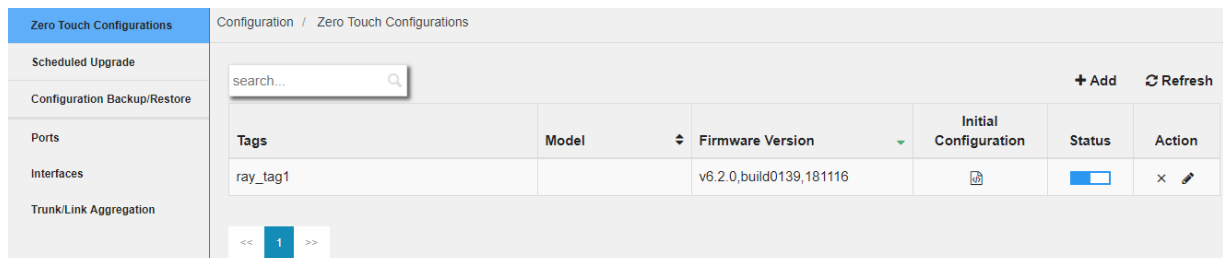


The dialog box asks "Are you sure you want to delete this item?" and has "OK" and "Cancel" buttons.

2. Select **OK** to delete the switch tag.

Configuration

Select *Configuration* to configure switches and interfaces and to create, edit, add delete trunks. Use the left pane for navigation:

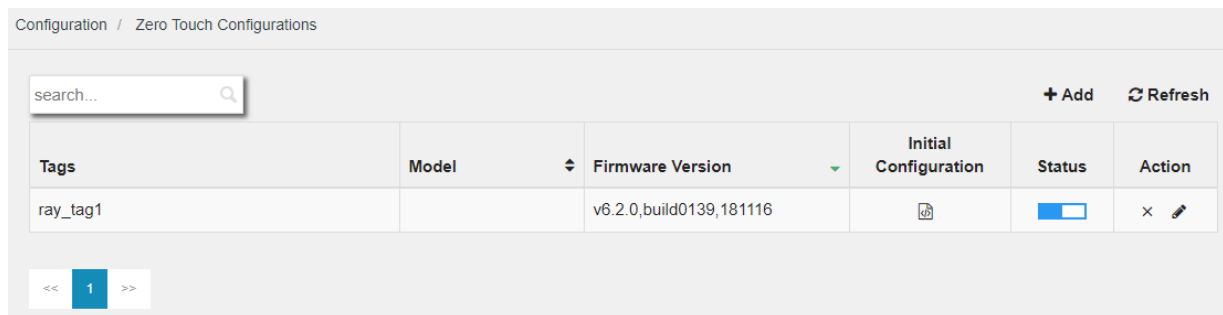


You can select the following options from the left pane:

- [Zero Touch Configurations](#)
- [Scheduled Upgrade](#)
- [Configuration Backup/Restore](#)
- [Ports](#)
- [Interfaces](#)
- [Trunk/Link Aggregation](#)

Zero Touch Configurations

The Zero Touch Configurations pane allows you to apply the same configuration to all FortiSwitch units of a specific model. To see the status of active zero-touch configurations, see *Monitor > Zero Touch Config Status*.



To find a specific model or firmware version, enter part or all of the model number or firmware name in the Search field.

To update the list of zero-touch configurations, select *Refresh*.

You can perform the following tasks from the Zero Touch Configurations pane:

- [Creating a zero-touch configuration](#)
- [Enabling a zero-touch configuration](#)

- [Editing a zero-touch configuration](#)
- [Deleting a zero-touch configuration](#)

Creating a zero-touch configuration

NOTE: Do not include the same switch or switches in both a zero-touch configuration and a scheduled upgrade.

To create a zero-touch configuration:

1. Go to *Configuration > Zero Touch Configurations*.
2. Select *Add*.

Add zero touch configuration

Close

Please select the model or tags you want to apply zero touch configuration to:

☒ Tags ☐ Model

Please click the icon on the right side to make selection:

Please select the firmware version you want to apply:

Please enter the initial config:

1

Please enter serial numbers to the switches excluded from zero touch configuration switch list:

Not Required. The serial numbers should be delimited by comma.

Example: S108DVTA18000354,S108DVTA18000377

Save

3. Select *Tags* or *Model*.
If you select *Tags*, select one or more switch tags to apply the zero-touch configuration to. If you select *Model*, select a FortiSwitch model to apply the zero-touch configuration to.
4. If you want to change the firmware version, select the firmware image to apply.
Only available firmware images are listed.
5. Enter the CLI commands to apply to the selected FortiSwitch model.
Refer to the *FortiSwitchOS CLI Reference* for available commands.

6. If you want to exclude one or more FortiSwitch unit of the selected model, enter the serial numbers, separated by a comma.
7. Select **Save**.
The zero-touch configuration is listed on the Zero-Touch Configurations pane.


Enabling a zero-touch configuration


By default, a zero-touch configuration is disabled. After you enable the zero-touch configuration, the CLI commands that were entered in the Add Zero Touch Configuration dialog box are run once on all FortiSwitch units of the specified model when they connect to FortiSwitch Cloud. FortiSwitch units that are already connected to FortiSwitch Cloud are not configured.

To enable a zero-touch configuration, move the Status slider in the row of the zero-touch configuration that you want to run.

Editing a zero-touch configuration

To edit a zero-touch configuration:

1. Select  in the row for the zero-touch configuration that you want to edit.

 Edit zero touch configuration Close

Please select the model or tags you want to apply zero touch configuration to:

☐ Tags ☒ Model

Please click the icon on the right side to make selection:

Please select the firmware version you want to apply:

v6.2.0,build0139,181116

Please enter the initial config:

Please enter serial numbers to the switches excluded from zero touch configuration switch list:

S448DN3X15000027

Example: S108DVTA18000354,S108DVTA18000377


☐ Disable this configuration.

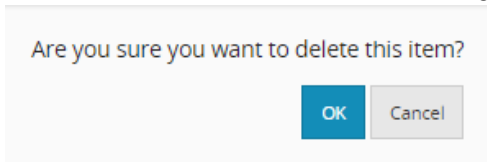
Save

2. Make your changes in the Edit Zero Touch Configuration dialog box.
3. Select **Save** to apply your changes.

Deleting a zero-touch configuration

To delete a zero-touch configuration:

1. Select  in the row of the zero-touch configuration that you want to delete.



2. Select **OK** to delete the zero-touch configuration.

Scheduled Upgrade

The Scheduled Upgrade pane allows you to specify when the FortiSwitch firmware will be upgraded. You can schedule firmware upgrades during off-peak hours and stagger the upgrade times for each FortiSwitch model to lower the impact on the network.

Configuration / Scheduled Upgrade

+ Add Refresh

Tags / Switches	Firmware Version	Start Time	Status	Action
S124EN4N17000668, S448DN3X15000027	v6.2.0,build0138,181103	12/06/2018 18:29	<div><div></div></div>	

<<
1
>>

To find a specific switch or tag, enter part or all of the switch or tag name in the Search field.

To update the status of the scheduled upgrades, select *Refresh*.

You can perform the following tasks from the Scheduled Upgrade pane:

- [Scheduling a firmware upgrade](#)
- [Editing a scheduled upgrade](#)
- [Deleting a scheduled upgrade](#)

Scheduling a firmware upgrade

NOTE: Do not include the same switch or switches in both a zero-touch configuration and a scheduled upgrade.

To specify when the FortiSwitch firmware will be upgraded:

1. Go to *Configuration > Scheduled Upgrade*.
2. Select *Add*.

 Add scheduled upgrade configuration

Close

Please select the switches or tags you want to apply configuration to:

☒ Tags ☐ Switches

Please click the icon on the right side to make selection:

Please select the date and time to apply the schedule:


December 2018						
Su	Mo	Tu	We	Th	Fr	Sa
25	26	27	28	29	30	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31	1	2	3	4	5

02 : 45 PM

Please select the firmware version you want to apply:

v6.2.0,build0139,181116


Save

3. Select *Tags* or *Switches*.
4. Select  to choose one or more switch tags or choose one or more FortiSwitch units.
NOTE: Only switches of the same model as the selected firmware image are upgraded.
5. Select the date and time when you want the firmware upgraded.
6. Select the firmware image to apply.
 Only available firmware images are listed.
7. Select *Save*.
 The scheduled upgrade is listed on the Scheduled Upgrade pane and the Scheduled Upgrade Status pane. The status is *Pending* until the upgrade has finished.

Editing a scheduled upgrade

To edit a scheduled upgrade:

1. Select  in the row for the scheduled upgrade that you want to edit.

 Edit scheduled upgrade configuration Close

Please select the switches or tags you want to apply configuration to:

☐ Tags
 ☒ Switches

Please click the icon on the right side to make selection:

S124EN4N17000668 ✕
S448DN3X15000027 ✕
🔍

Please select the date and time to apply the schedule:

December 2018								
Su	Mo	Tu	We	Th	Fr	Sa		
25	26	27	28	29	30	1		
2	3	4	5	6	7	8	06	29 PM
9	10	11	12	13	14	15		
16	17	18	19	20	21	22		
23	24	25	26	27	28	29		
30	31	1	2	3	4	5		

Please select the firmware version you want to apply:

v6.2.0,build0138,181103


☐ Disable this configuration.

Save

2. Make your changes in the Edit Scheduled Upgrade Configuration dialog box.
3. Select **Save** to apply your changes.

Deleting a scheduled upgrade

To delete a scheduled upgrade:

1. Select  in the row of the scheduled upgrade that you want to delete.

Are you sure you want to delete this item?

OK
Cancel

2. Select **OK** to delete the scheduled upgrade.

Configuration Backup/Restore

The Configuration Backup/Restore pane allows you to edit an imported configuration file and to manage saved configuration files.

Configuration / Configs

Import Refresh

Time	Model	Host Name	Comment	Action
05/18/2018 20:33:46	FortiSwitch-248E-POE	AL-248EP		
05/16/2018 20:59:17	FortiSwitch-248E-FPOE	S248EF3X17000010		
05/15/2018 01:45:20	FortiSwitch-248D-POE	AL-248DP		
05/15/2018 01:37:44	FortiSwitch-248E-FPOE	S248EF3X17000010		
04/26/2018 01:04:17	FortiSwitch-548D-FPOE	S548DF4K15000064	ImportedTestConfig	
04/26/2018 01:02:50	FortiSwitch-548D-FPOE	S548DF4K15000064	NewEditedClone	
04/26/2018 00:42:26	FortiSwitch-548D-FPOE	S548DF4K15000064		
04/26/2018 00:34:27	S108DV	S108DVTA18000003	TestConfig	
04/25/2018 21:47:25	S108DV	S108DVTA18000003		
04/03/2018 23:54:12	FortiSwitch-1048D	FS1D483Z14000097	1048d	

<< 1 2 >>

To update the list of available configuration files, select *Refresh*.

You can perform the following tasks from the Config Backup/Restore pane:

- Importing and editing a configuration file
- Viewing a configuration file
- Cloning a configuration file
- Deleting a configuration file
- Downloading a configuration file to your computer
- Applying a configuration file to a FortiSwitch unit

Importing and editing a configuration file

After you download the configuration file from one FortiSwitch unit, you can then import and edit it.

To import and edit a configuration file:

1. Select *Import*.

📁 Import from local config file Close

Please choose your local config file to upload:

Choose File | No file chosen

Please edit the config content uploaded:

1

Please select the model you want to clone to:

FortiSwitch-1024D ▼

Please select the serial number to the device you want to clone to:

▼


Comment:

Save

2. Select *Choose File*, navigate to the downloaded configuration file, and select *Open*.
3. If you want to edit the configuration file, enter your changes.
4. If you want to use the configuration file on a different FortiSwitch model, select the FortiSwitch model from the drop-down list.
5. If you want to use the configuration file on a different FortiSwitch unit, select the FortiSwitch serial number from the drop-down list.
6. Enter a description of your changes.
7. Select *Save*.

The edited configuration file is listed in the Config Backup/Restore pane.


Viewing a configuration file

To open a configuration file, select  in the row of the configuration file that you want to examine.

Cloning a configuration file

When you clone a configuration file from one FortiSwitch unit, you can then edit the clone and then apply it on a different FortiSwitch unit.

To clone a configuration file:

1. Select  in the row of the configuration file that you want to clone.

Clone

Close

Please select the serial number to the device you want to clone to:

S124EN4N17000668

Please edit the config content:

```

1 #config-version-S124EN-6.02-FW-build138-181103:opmode=0;vdom=0;user=FortiCloud
2 #conf_file_ver=4710257327711392054
3 #buildno-0138
4 #global_vdom=1
5 config system global
6   set 802.1x-ca-certificate "Entrust_802.1x_CA"
7   set 802.1x-certificate "Entrust_802.1x"
8   set admin-concurrent enable
9   set admin-https-pki-required disable
10  set admin-https-ssl-versions tlsv1-1 tlsv1-2
11  set admin-lockout-duration 60
12  set admin-lockout-threshold 3
13  set admin-port 80
14  set admin-scp disable
15  set admin-server-cert "Fortinet_Firmware"
16  set admin-sport 443
17  set admin-ssh-grace-time 120
18  set admin-ssh-port 22
19  set admin-ssh-v1 disable
20  set admin-telnet-port 23
21  set admintimeout 480
22  set alertrd-relog disable
23  set allow-subnet-overlap disable
24  set arp-timeout 180
25  set asset-tag ''
26  set auto-isl enable
27  set cfg-save automatic
28  set csr-ca-attribute enable
29  set daily-restart disable
30  set detect-ip-conflict enable
31  set dhcp-server-access-list disable
32  set dhcp-snoop-client-req forward-untrusted
33  set dhcpps-db-exp 86400
34
35

```


Comment:

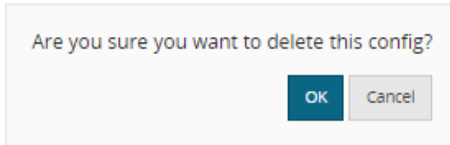
Save

2. Select the serial number of the FortiSwitch unit that you want to use the edited configuration file on.
3. Make the changes to the configuration file.
4. Enter a description of your changes.
5. Select **Save**.
The clone is listed in the Config Backup/Restore pane.

Deleting a configuration file


To delete a configuration file:

1. Select  in the row of the configuration file that you want to delete.



2. Select **OK** to delete the configuration file.


Downloading a configuration file to your computer

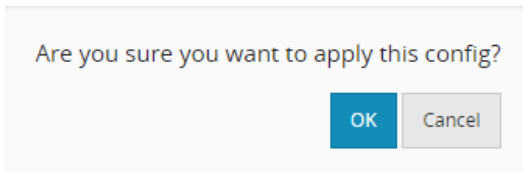
To download a configuration file from FortiSwitch Cloud to your computer, select  in the row of the configuration file that you want to download. The configuration file is saved as a `.txt` file.

Applying a configuration file to a FortiSwitch unit

You can apply a configuration file that you saved to FortiSwitch Cloud to a FortiSwitch unit.

To apply a configuration:

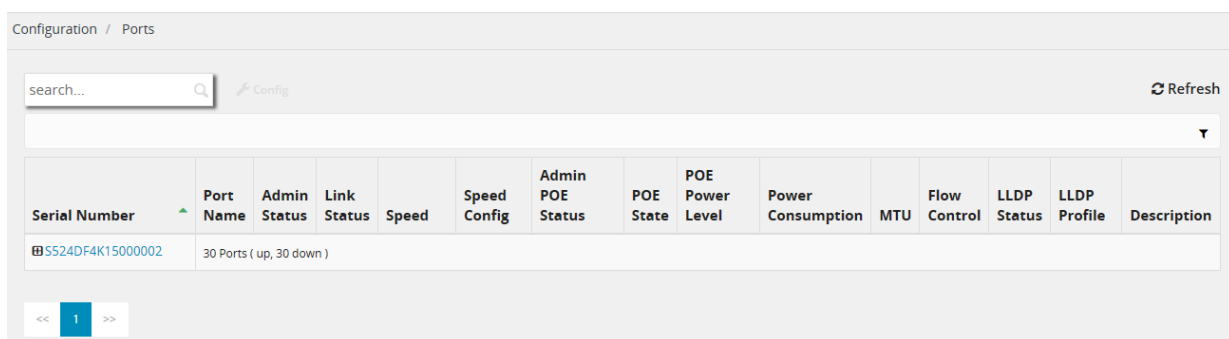
1. Select  in the row of the configuration that you want to apply.



2. Select **OK** to apply the configuration file to the host name in the same row as the configuration file.


Ports

The Ports pane allows you to change the administrative status and PoE status of one or more FortiSwitch ports. See [Configuring FortiSwitch ports](#).



To find a specific FortiSwitch unit, enter part or all of the serial number in the Search field.

To update the list of FortiSwitch units and their ports, select *Refresh*.


To filter the list of FortiSwitch units by tag, select  and the tag to filter with. If you select multiple tags to filter with, the results are FortiSwitch units that are tagged with one or more of the selected tags.

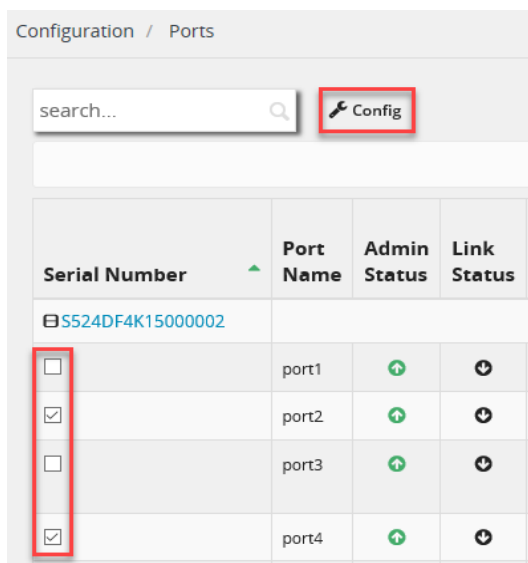
You can use the Search field and the Filter with Tags field together to find FortiSwitch units that contain the search term *and* are tagged with the selected tag.

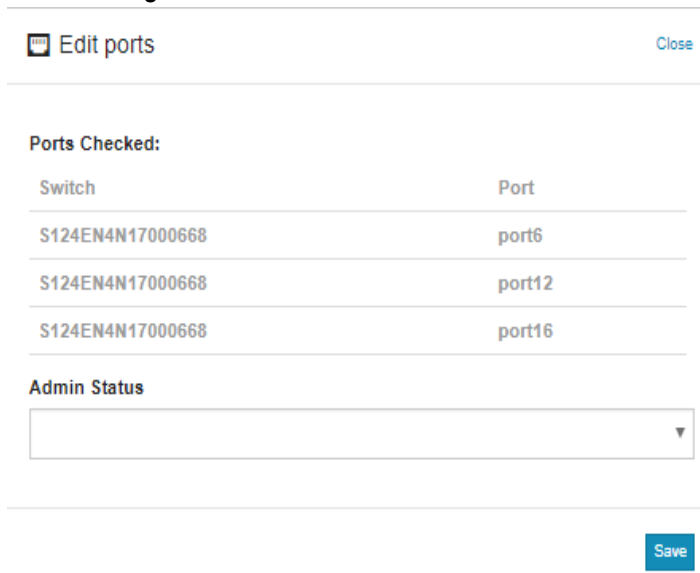
To see the ports for a FortiSwitch unit, select .

Configuring FortiSwitch ports

To configure FortiSwitch ports:

1. Select  to the left of each FortiSwitch unit that you want to configure.
2. Select the ports that you want to change.



3. Select *Config*.


Edit ports Close

Ports Checked:

Switch	Port
S124EN4N17000668	port6
S124EN4N17000668	port12
S124EN4N17000668	port16

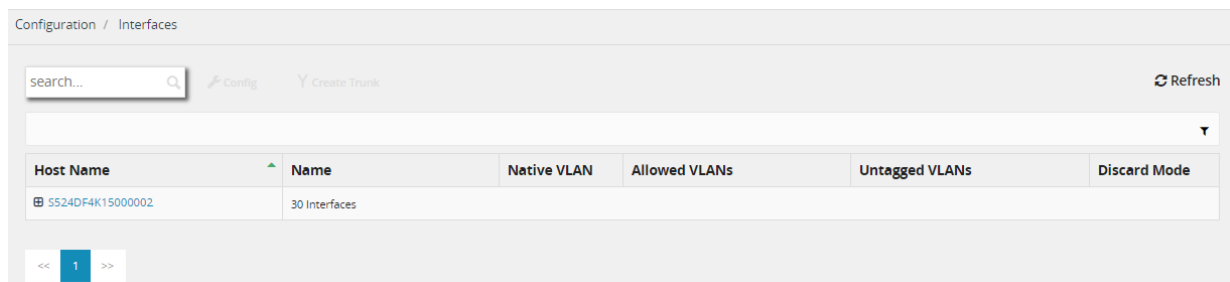
Admin Status

Save

4. Select *up* or *down* in the Admin Status drop-down list.5. Select *enable* or *disable* in the POE Status drop-down list.**NOTE:** If you select ports from more than one FortiSwitch units, the POE Status drop-down list is not displayed.6. Select *Save* to apply your changes.

Interfaces

The Interfaces pane lists all interfaces for each managed FortiSwitch unit.



Configuration / Interfaces


search... Config Create Trunk Refresh

Host Name	Name	Native VLAN	Allowed VLANs	Untagged VLANs	Discard Mode
S524DF4K15000002	30 Interfaces				

<< 1 >>


To find a specific FortiSwitch unit, enter part or all of the host name in the Search field.

To update the list of FortiSwitch units and their ports, select *Refresh*.

To filter the list of FortiSwitch units by tag, select  and the tag to filter with. If you select multiple tags to filter with, the results are FortiSwitch units that are tagged with one or more of the selected tags.

You can use the Search field and the Filter with Tags field together to find host names that contain the search term *and* are tagged with the selected tag.

Select the host name to see more information about each FortiSwitch unit.


To see the interfaces for a FortiSwitch unit, select  by the host name of interest.

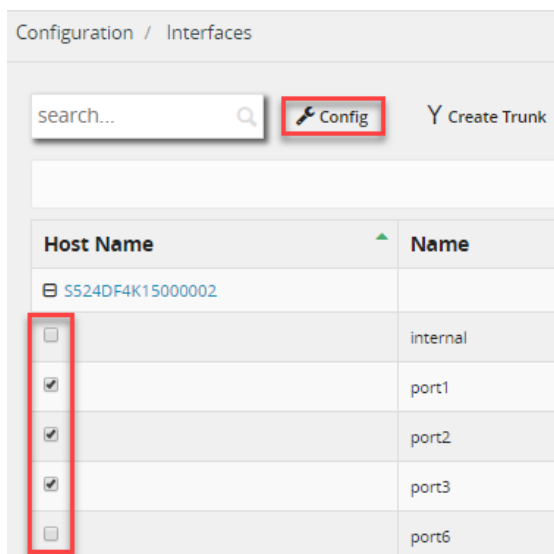
You can perform the following tasks from the Interfaces pane:

- [Configuring an interface](#)
- [Creating a trunk](#)


Configuring an interface

To configure a FortiSwitch interface:

1. Select  to the left of the FortiSwitch unit that you want to change.
2. Select the interfaces that you want to configure.



3. Select *Config*.

 Config Interface VLANs Close

Interfaces Checked:

Switch	Interface
S124EN4N17000668	port4
S124EN4N17000668	port11
S124EN4N17000668	port16

Native VLAN ID:
 Set to Default

Allowed VLAN IDs:

Untagged VLAN IDs:


Save

4. Enter the VLAN identifiers for native VLANs, allowed VLANs, and untagged VLANs. Separate the identifiers with a comma.
5. Select *Save* to change the interface.

Creating a trunk

NOTE: You cannot include an internal interface or a port that is already a member of another trunk in a new trunk.

To create a trunk:

1. Select  to the left of the FortiSwitch unit that you want to add a trunk to.
2. Select the interfaces that you want to include in the trunk.

3. Select *Create Trunk*.

The screenshot shows the 'Create Trunk' configuration window. At the top, there is a title bar with 'Y Create Trunk' and a 'Close' button. The main area contains several fields: 'Trunk Interface Name' (a text input field), 'Description' (a text input field), 'Members' (a list box containing 'port14', 'port15', and 'port16'), 'Port Selection Criteria' (a dropdown menu with 'src-dst-ip' selected), 'Mode' (a dropdown menu with 'static' selected), and 'McLAG' (a checkbox that is currently unchecked). A 'Save' button is located at the bottom right of the window.

4. Enter a name for the new trunk in the Trunk Interface Name field. Avoid using special characters, such as <, >, (,), #, ', and ".
5. (Optional) Add a description of the trunk in the Description field.
6. Select the port selection criteria:
 - *dst-ip*—destination IP address
 - *dst-mac*—destination MAC address
 - *src-dst-ip*—source or destination IP address
 - *src-dst-ip-xor16*—source and destination IP address
 - *src-dst-mac*—source or destination MAC address
 - *src-ip*—source IP address
 - *src-mac*—source MAC address
7. Select the mode:
 - *lacp-active*—active LACP
 - *lacp-passive*—passive LACP
 - *static*—static link aggregation
8. Select *McLAG* if you want to create an MCLAG. You cannot select both *McLAG* and *McLAG-ICL* for a trunk.
9. Select *McLAG-ICL* if you are creating an ICL for an MCLAG. Only one MCLAG-ICL trunk can be configured for each managed FortiSwitch unit. You cannot select both *McLAG* and *McLAG-ICL* for a trunk.
10. Select *Save*.

Trunk/Link Aggregation

The Trunk/Link Aggregation pane lists all trunks that have been configured.

Configuration / Trunks


search... + Create Trunk Refresh

Name	Host Name	Description	Members	Port Selection Criteria	Mode	McLAG	McLAG-ICL	Action
trunk-0831173255	S524DF4K15000002		port4, port5	src-dst-ip	static	disable	disable	×

<< 1 >>

To find a specific trunk, enter part or all of the name in the Search field.

To update the list of trunks, select *Refresh*.

To filter the list of FortiSwitch units by tag, select  and the tag to filter with. If you select multiple tags to filter with, the results are FortiSwitch units that are tagged with one or more of the selected tags.


You can use the Search field and the Filter with Tags field together to find FortiSwitch units that contain the search term *and* are tagged with the selected tag.

You can perform the following tasks from the Trunk/Link Aggregation pane:

- [Creating a trunk](#)
- [Deleting a trunk](#)
- [Editing a trunk](#)

Deleting a trunk

To delete a trunk:

1. Select  in the row of the trunk that you want to delete.


Are you sure you want to delete this trunk?

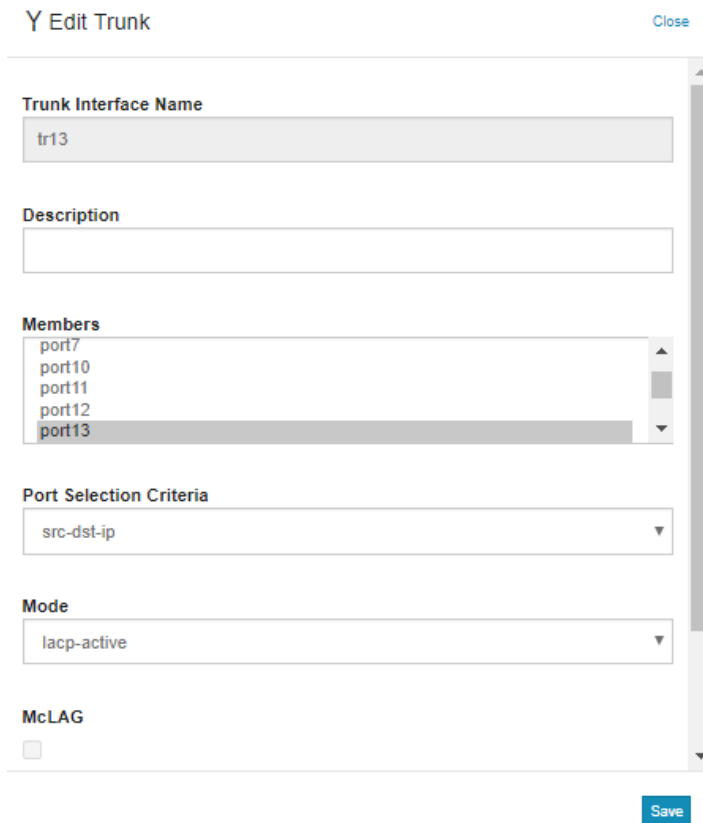
OK Cancel

2. Select *OK* to delete the trunk.

Editing a trunk

To edit a trunk:

1. Select  in the row of the trunk to edit.



Y Edit Trunk Close

Trunk Interface Name
tr13

Description

Members
port7
port10
port11
port12
port13

Port Selection Criteria
src-dst-ip

Mode
lacp-active

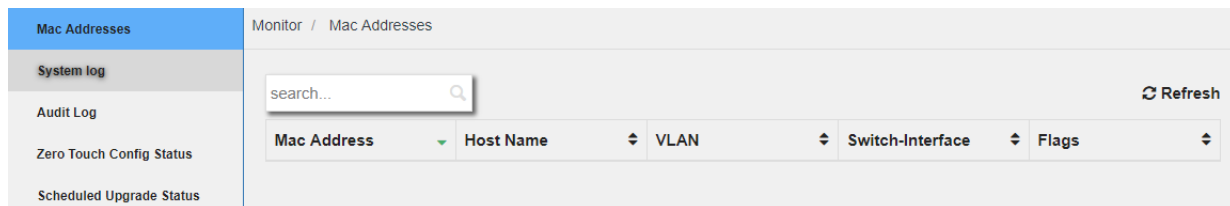
McLAG
☐

Save

2. (Optional) Add a description of the trunk in the Description field.
3. Select the port selection criteria:
 - *dst-ip*—destination IP address
 - *dst-mac*—destination MAC address
 - *src-dst-ip*—source or destination IP address
 - *src-dst-ip-xor16*—source and destination IP address
 - *src-dst-mac*—source or destination MAC address
 - *src-ip*—source IP address
 - *src-mac*—source MAC address
4. Select the mode:
 - *lacp-active*—active LACP
 - *lacp-passive*—passive LACP
 - *static*—static link aggregation
5. Select *McLAG* if you want to create an MCLAG.
6. Select *McLAG-ICL* if you are creating an ICL for an MCLAG.
7. Select *Save*.

Monitor

Select *Monitor* to check MAC addresses, logs, and the configuration and upgrade status. Use the left pane for navigation:



You can select the following options from the left pane:

- [Mac Addresses](#)
- [System Log](#)
- [Audit Log](#)
- [Zero Touch Config Status](#)
- [Scheduled Upgrade Status](#)

Mac Addresses

The Mac Addresses pane lists all MAC address and the corresponding host name and interface.

Monitor / Mac Addresses					
search...					Refresh
Mac Address	Host Name	VLAN	Switch-Interface	Flags	
00:0c:29:ff:0f:cc	S108DV3A17000013	1	port1		
00:0c:29:97:28:ee	S108DV3A17000013	1	port1		
42:b3:ac:58:43:c9	S108DVT18000098	1	internal		
90:6c:ac:17:bf:69	AL-248DP	4094	internal	static	
90:6c:ac:97:05:6a	SR24DN4416000049	1	internal	static used	
6c:f3:7f:c6:86:2a	SR24DN4416000049	1	trunk_5	used trunk	
6c:f3:7f:c6:86:2b	SR24DN4416000049	1	trunk_5	trunk	
08:5b:0e:ff:40:6c	SR24DN4416000049	1	trunk_5	used trunk	
90:6c:ac:15:2f:9b	SR24DN4416000049	1	trunk_5	used trunk	

To update the MAC address list, select *Refresh*.

To find a MAC address, enter part or all of the MAC address in the Search field.

To update the system log, select *Refresh*.

You can use the Search field to filter by severity level or message content.

System Log

The System Log pane lists system events for the last two weeks for all managed FortiSwitch units.

Monitor / System Log

search... Refresh

Time	Host Name	level	User	User Interface	Action	Message
2018-05-22 10:49:24	S108DVTA18000240	notice	ntp_daemon			The ntp server [redacted] is determined unreachable at Tue May 22 10:49:24 2018
2018-05-22 10:49:24	S108DVTA18000010	notice	ntp_daemon			The ntp server [redacted] is determined unreachable at Tue May 22 10:49:24 2018
2018-05-22 10:49:24	S108DVTA18000010	notice	ntp_daemon			The ntp server [redacted] is determined unreachable at Tue May 22 10:49:24 2018
2018-05-22 10:49:24	S108DVTA18000006	notice	ntp_daemon			The ntp server [redacted] is determined unreachable at Tue May 22 10:49:24 2018
2018-05-22 10:49:24	S108DVTA18000006	notice	ntp_daemon			The ntp server [redacted] is determined unreachable at Tue May 22 10:49:24 2018
2018-05-22 10:49:24	S108DVTA18000562	notice	ntp_daemon			The ntp server [redacted] is determined unreachable at Tue May 22 10:49:24 2018
2018-05-22 10:49:23	S108DVTA18000513	notice	ntp_daemon			The ntp server [redacted] is determined unreachable at Tue May 22 10:49:23 2018
2018-05-22 10:49:23	S108DVTA18000513	notice	ntp_daemon			The ntp server [redacted] is determined unreachable at Tue May 22 10:49:23 2018
2018-05-22 10:49:23	S108DVTA18000229	notice	ntp_daemon			The ntp server [redacted] is determined unreachable at Tue May 22 10:49:23 2018
2018-05-22 10:49:23	S108DVTA18000245	notice	ntp_daemon			The ntp server [redacted] is determined unreachable at Tue May 22 10:49:23 2018

<< 1 2 3 4 5 6 7 8 9 10 ... >>

To update the system log, select *Refresh*.

You can use the Search field to filter by severity level or message content.

Audit Log

The Audit Log pane lists changes for all managed FortiSwitch units.

Monitor / Audit Log

search... Refresh

Time	User	Account	View	Role	Method	Message
2018-05-21 18:57:57	[redacted]	testuser@test.com	Trunk Detail	user	PUT	[Trunk Detail:PUT: [redacted] testuser@test.com:user] Status code: 200
2018-05-21 18:57:30	[redacted]	testuser@test.com	Trunk Detail	user	PUT	[Trunk Detail:PUT: [redacted] testuser@test.com:user] Status code: 200
2018-05-21 18:56:25	[redacted]	testuser@test.com	Trunk Detail	user	PUT	[Trunk Detail:PUT: [redacted] testuser@test.com:user] Status code: 200
2018-05-21 18:22:07	[redacted]	testuser@test.com	Trunk	admin	POST	[Trunk:POST: [redacted] testuser@test.com:admin] Status code: 201
2018-05-21 16:27:16	[redacted]	testuser@test.com	Trunk	admin	POST	[Trunk:POST: [redacted] testuser@test.com:admin] Status code: 201
2018-05-21 09:30:14	[redacted]	testuser@test.com	Trunk	admin	POST	[Trunk:POST: [redacted] testuser@test.com:admin] Status code: 201
2018-05-18 17:33:18	[redacted]	testuser@test.com	Trunk	admin	POST	[Trunk:POST: [redacted] testuser@test.com:admin] Status code: 201
2018-05-18 17:32:42	[redacted]	testuser@test.com	Trunk	admin	POST	[Trunk:POST: [redacted] testuser@test.com:admin] Status code: 201
2018-05-18 17:30:18	[redacted]	testuser@test.com	Trunk	admin	POST	[Trunk:POST: [redacted] testuser@test.com:admin] Status code: 201
2018-05-18 17:30:05	[redacted]	testuser@test.com	Trunk	admin	POST	[Trunk:POST: [redacted] testuser@test.com:admin] Status code: 201

<< 1 2 3 4 5 6 7 8 9 10 ... >>

To update the audit log, select *Refresh*.

To find which changes a specific user made, enter part or all of the user name in the Search field.

Zero Touch Config Status

The Zero Touch Config Status pane lists the status of the zero-touch configurations. The status can be one of the following:

- *Upgrade firmware*—The firmware is being upgraded on the specified host names.
- *Apply configuration command*—The CLI commands entered in the Add Zero Touch Configuration dialog box are being run.
- *Complete*—The firmware has been upgraded, or the CLI commands have been run.
- *Failure*—The firmware has not been upgraded, or the CLI commands have not been run.

Monitor / Zero Touch Config Status

search...

 Refresh

Switch 	Host Name 	Firmware Version 	Configuration	Switch Status 
S124EN4N17000668	S124EN4N17000668	v6.2.0,build0139,181116		Failure
S448DN3X15000027		v6.2.0,build0139,181116		Pending

<<

1

>>

To find a specific switch, enter part or all of the host name or model number in the Search field.


To update the status of the zero-touch configurations, select *Refresh*.


Scheduled Upgrade Status

The Scheduled Upgrade Status pane lists the status of the scheduled firmware upgrades. The status can be one of the following:

- *Pending*—The scheduled time and date for the firmware upgrade have not occurred yet.
- *Download firmware*—The firmware image is loading on the FortiSwitch unit.
- *Complete*—The firmware has been upgraded.
- *Failure*—The firmware has not been upgraded. Check that the firmware image is for the same model as the selected switches.

Monitor / Scheduled Upgrade Status



 Refresh

Switch	Host Name	Firmware Version	Start Time	Switch Status
S448DN3X15000027		v6.2.0,build0138,181103	12/04/2018 18:38:41	Failure
S124EN4N17000668	S124EN4N17000668	v6.2.0,build0138,181103	12/04/2018 18:38:41	Complete
S448DN3X15000027		v6.2.0,build0139,181116	12/04/2018 11:16:16	Failure
S124EN4N17000668		v6.2.0,build0139,181116	12/04/2018 11:16:16	Failure
S448DN3X15000027		v6.2.0,build0138,181103	12/04/2018 11:00:15	Failure
S124EN4N17000668		v6.2.0,build0138,181103	12/04/2018 11:00:15	Failure

<< 1 >>

To find a specific switch, enter part or all of the host name or model number in the Search field.

To update the status of the scheduled upgrades, select *Refresh*.

My Account

Select *My Account* to add, edit, and remove user accounts and to change your notification settings.

My Account / My Account

search...

+ Add User Refresh

User	Role	Type	Action
*	admin	Forticare	
	admin	Forticare	
	admin	Forticare	

<< 1 >>

Cloud Management License ("")

Number of FortiSwitch Cloud Management Subscriptions:
2 used / 4 available / 6 total

Contract List

Contract#	Expiry Date	Number of Subscriptions
	05/23/2019 00:00:00	3


You can select the following options from the left pane:

- [My Account](#)
- [Notification Settings](#)








My Account

The My Account pane provides user and license information.

My Account / My Account

search... 

[+ Add User](#) [Refresh](#)

	User	Role	Type	Action
*		admin	Forticare	
		admin	Forticare	 
		admin	Forticare	 

<< 1 >>

Cloud Management License ("raylee@fortinet.com")

Number of FortiSwitch Cloud Management Subscriptions:
2 used / 4 available / 6 total

Contract List

Contract#	Expiry Date	Number of Subscriptions
1017MJ191351	05/23/2019 00:00:00	3

To update the user list, select *Refresh*.

To find a specific user, enter part or all of the user name in the Search field.

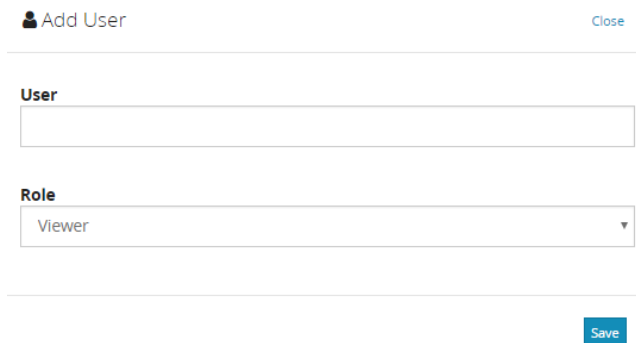
You can perform the following tasks from the My Account pane:


- [Adding a user account](#)
- [Editing a user account](#)
- [Deleting a user account](#)

Adding a user account

To add a user account:

1. Select *Add User*.



 Add User Close

User

Role


Viewer

Save


2. Enter the FortiCare account identifier.
3. Select the role:
 - A *Viewer* cannot make any changes.
 - A *User* can make limited changes.
 - An *Admin* can make any change.
4. Select *Save*.

Editing a user account

To edit a user account:

1. Select  in the row of the user account that you want to edit.



 Edit User Close

User

Role


Admin

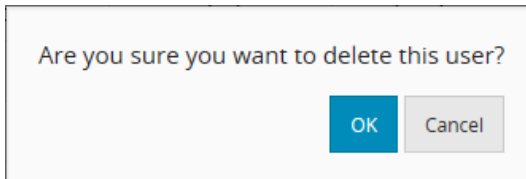
Save

2. If you are an Admin, you can change the user role.
 - A *Viewer* cannot make any changes.
 - A *User* can make limited changes.
 - An *Admin* can make any change.
3. Select *Save*.

Deleting a user account

To delete a user account:

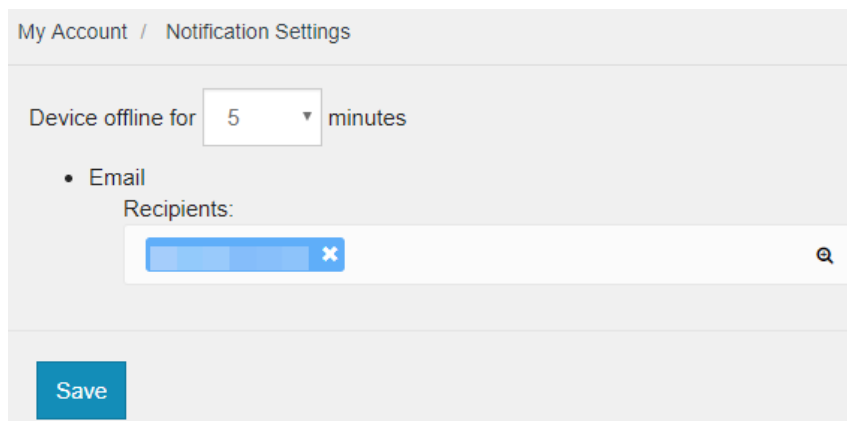
1. Select  in the row of the user account that you want to delete.




2. Select *OK* to delete the user account.

Notification Settings

The Notification Settings pane controls email notifications.



To set up an email notification:

1. Select 5, 10, 15, 30, or 60 minutes before FortiSwitch Cloud sends an email notification that a FortiSwitch unit is offline.
2. Select  and then select one or more users to be notified. If no users are selected, FortiSwitch Cloud will not send email notifications.
3. Select *Save*.



FORTINET®



Copyright© 2018 Fortinet, Inc. All rights reserved. Fortinet®, FortiGate®, FortiCare® and FortiGuard®, and certain other marks are registered trademarks of Fortinet, Inc., in the U.S. and other jurisdictions, and other Fortinet names herein may also be registered and/or common law trademarks of Fortinet. All other product or company names may be trademarks of their respective owners. Performance and other metrics contained herein were attained in internal lab tests under ideal conditions, and actual performance and other results may vary. Network variables, different network environments and other conditions may affect performance results. Nothing herein represents any binding commitment by Fortinet, and Fortinet disclaims all warranties, whether express or implied, except to the extent Fortinet enters a binding written contract, signed by Fortinet's General Counsel, with a purchaser that expressly warrants that the identified product will perform according to certain expressly-identified performance metrics and, in such event, only the specific performance metrics expressly identified in such binding written contract shall be binding on Fortinet. For absolute clarity, any such warranty will be limited to performance in the same ideal conditions as in Fortinet's internal lab tests. In no event does Fortinet make any commitment related to future deliverables, features, or development, and circumstances may change such that any forward-looking statements herein are not accurate. Fortinet disclaims in full any covenants, representations, and guarantees pursuant hereto, whether express or implied. Fortinet reserves the right to change, modify, transfer, or otherwise revise this publication without notice, and the most current version of the publication shall be applicable.